Acronyms

AEW&C	Airborne Early Warning and Control
ABAIS	Affect and Belief Adaptive Interface System
ACTA	Applied Cognitive Task Analysis
ADS	Abstraction Decomposition Space
AH	Abstraction Hierarchy
AI	Artificial Intelligence
AKADAM	Advanced Knowledge And Design Acquisition Methodology
AOD	Air Operations Division (Australia)
AWACS	Airborne Warning and Control Systems
C2	Command and Control
C3	Command, Control, and Communication
C3I	Command, Control, Communication, and Intelligence
CACSE	Computer-Assisted Cognitive System Engineering
CAP	Combat Air Patrol
CAPTA	Cognitive-Affective Personality Task Analysis
CAST	Constraint Analysis and Synthesis Technique
CCT	Cognitive Complexity Theory
CDM	Critical Decision Method
CDTL	Collaborative Design Technology Laboratory
CE	Copilote Electronique
CHS	Center for Human Sciences (DERA, UK)
CMU	Carnegie Mellon University (US)
COGMON	COGnition MONitor
COGNET	COGnitive NETwork of tasks
COGPIT	COGnitive cockPIT
COPE	C3 Operator Performance Engineering
COGSIM	COGpit SIMulation test environment
CPM-GOMS	Cognitive, Perceptual, and Motor GOMS
CPM-GOMS	Critical Path Method GOMS
CS	Control Strategy
CSCW	Computer-Supported Cooperative Work
CSE	Cognitive Systems Engineering
CT	Control Task
CTA	Cognitive Task Analysis
CTA	Control Task Analysis
CWA	Cognitive Work Analysis
DARPA	Defense Advanced Research Projects Agency (US)
DAS	Defensive Aids Suite
DAT	Decision Aiding Taxonomy

DCIEM	Defence and Civil Institute of Environmental Medicine (Canada)
DERA	Defence Evaluation Research Agency (UK)
DDP	Decision Decomposition Protocol
DR	Decision Requirements
DSS	Decision Support Systems
DSTO	Defence Science and Technology Organisation (Australia)
DTD	Display Task Description
EA	Electronic Associate
EID	Ecological Interface Design
FAH	Functional Abstraction Hierarchy
FCBA	Future Carrier-Borne Aircraft
FCM	Fuzzy Cognitive Map
FMOE	Function-based MOE
FMS	Flight Management System
FOAEW	Future Organic Airborne Early Warning
FOAS	Future Offensive Air System
GIM	Global Implicit Measures
GOMS	Goals, Operators, Methods, and Selection rules
GPT	Goal-Plan Tracking
GUI	Graphical User Interface
HADS	Helicopter Aircrew Decision Support
HCI	Human-Computer Interaction
HEC	Human-Electronic Crewmember
HFE	Human Factors Engineering
HGA	Hierarchical Goal Analysis
HMD	Helmet-Mounted Display
HOTAS	Hands-On-Throttle-And-Stick
HSI	Human Systems Integration
HTA	Hierarchial Task Analysis
HUD	Heads-Up Display
IDEF	Integrated computer-aided manufacturing DEFinitions
IP	Information Processing
IPME	Integrated Performance Modeling Environment
IR	Information Requirement
ISD	Instructional Systems Design
IV	Internal Variable
JOE	Joint Operations Environment
KA	Knowledge Acquisition
KBS	Knowledge-Based Systems
MA&D	Micro Analysis and Design (US)
MFTA	Mission, Function, Task Analysis
MHP	Model Human Processor

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MMA	Mission Management Aid
MMI	Man-Machine Interface
MOD	Ministry of Defence (UK)
MOE	Measures of Effectiveness
MPT	Mission Plan Tracking
NDM	Naturalistic Decision Making
NLR	National Aerospace Laboratory (The Netherlands)
OSU	Ohio State University (US)
PA	Pilot's Associate
PARI	Precursor, Action, Result, and Interpretation method
PCT	Perceptual Control Theory
PLI	Pilot Load Indicator
R&D	Research and Development
RBR	Rule-Based Reasoning
RISØ	RISØ National Laboratory (Denmark)
RPA	Rotorcraft Pilot's Associate
RPD	Recognition-Primed Decision Making
SA	Situation Awareness
SA	Strategies Analysis
SASS	Situation Assessment Support System
SBIR	Small Business Initiative Research
SME	Subject-Matter Expert
SO	Social Organizational
SOA	Social Organizational Analysis
SRK	Skills, Rules, and Knowledge taxonomy
TBCS	Tactical Battlefield Command System
TCCTA	Temporal Coordination Control Task Analysis
TIM	Task Interface Manager
TTCP	The Technical Cooperative Program
UAV	Unmanned Air Vehicle
UCAV	Unmanned Combat Air Vehicle
UCSD	University of California at San Diego (US)
UI	User Interface
UML	Unified Modeling Language
USAFRL	U.S. Air Force Research Laboratory
WC	Worker Competencies
WCA	Worker Competency Analysis
WDA	Work Domain Analysis
WPAFB	Wright-Patterson Air Force Base (US)
WDAW	Work Domain Analysis Workbench
WSO	Weapon Systems Officer